

CERTIFIED ASPHALT TECHNICIAN TRAINING COURSE AGENDA

Title – Time	Subjects	Instructor	Reference
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Monday Morning from 10:00 to 12:30

Moderator: Jim McKinney

Registration

8:00 to 9:00	Olin Hall Rm. 0-229	Jim McKinney	
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Introduction

9:00 to 9:15	Opening Comments	Jim McKinney	
	Agenda/Manual Update	Ron Walker (Mike Prather)	

Math for HMA

9:15 to 9:45	Round-Off Rules	Ron Walker (Mike Prather)	Chp 1
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9:45 to 10:00	** BREAK **		
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Aggregates

10:00 to 12:00	Introduction Specifications	Bob Rees Eric Woodings Dave Hamilton	Chp 2
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Aggregates (continued)

12:00 to 12:30	Sampling Testing	Dave Hamilton	Chp 2
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12:30 to 1:30	Lunch -- Hulman Memorial Union (HMU) - Performing Arts Room		
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Monday Afternoon from 1:30 to 6:00

Moderator: Jim McKinney

Laboratory Tests -- A Section

1:30 to 3:30	HMA Lab (0-111) HMA Plate Sampling Video Gyratory Compaction Demo Validator Demo Lab Equipment Calibration	Mike Prather Rhonda Richardson Harley Phillips Kurt Sommer Richard Masters
3:30 - 3:45	** BREAK **	
3:45 to 5:30	Aggregate Lab (0-110) Splitting Decant Gradation Flat & Elongated Particles Coarse Aggregate Angularity Fine Aggregate Angularity	Dave Hamilton Lee Randell Kurt Sommer Don Lecklitner Bob Rees Eric Woodings Wayne Tharp

Laboratory Tests -- B Section

1:30 to 3:30	Aggregate Lab (0-110) Splitting Decant Gradation Flat & Elongated Particles Coarse Aggregate Angularity Fine Aggregate Angularity	Dave Hamilton Lee Randell Kurt Sommer Don Lecklitner Bob Rees Eric Woodings Wayne Tharp
3:30 - 3:45	** BREAK **	
3:45 to 5:30	HMA Lab (0-111) HMA Plate Sampling Video Gyratory Compaction Demo Validator Demo Lab Equipment Calibration	Mike Prather Rhonda Richardson Harley Phillips Kurt Sommer Richard Masters
5:30 to 6:00	Daily Recap (0-229) Sand Equivalency	Jim McKinney Keith Royer
6:00	Dinner - HMU - Main Dining Hall	

Review Session (Optional)

7:30	Holiday Inn	Dave Hamilton Mike Prather Ron Walker
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Tuesday from 9:00 to 5:30

Moderator: Jim McKinney

Math Homework Review

9:00 to 9:10	Answers & Discussion	Ron Walker	Handout
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Asphalt

9:10 to 10:00	Introduction Manufacture Testing Grading PG Binder Specs	Tony Kriech (Jim McKinney)	Chp 2
10:00 to 10:15	** BREAK **		

Mix Design

10:15 to 12:30	Introduction Air Voids, VMA, & VFA Plant Considerations Superpave	Gerry Huber (Dudley Bonte)	Chp 4
12:30 to 1:30	Lunch - HMU - Performing Arts Room		

Laboratory Tests -- A Section

1:30 to 5:00	Specific Gravity Lab (0-110) Demonstrations Bulk Specific Gravity Maximum Specific Gravity	Clyde Lovelady Wayne Tharp
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Laboratory Tests -- B Section

1:30 to 5:00	HMA Lab (0-111) Gyratory Compaction Binder Testing Apparatus Demo HMA Sample Reduction Extraction Demo Ignition Oven Demo	Mike Prather Rhonda Richardson Harley Phillips Kurt Sommer Rick Flint Dave Hamilton Brad Cruea
5:00 to 5:30	Daily Recap (0-229) Superpave Center	Jim McKinney Rhonda Richardson
6:00	Dinner - HMU - Main Dining Hall	

Review Session (Optional)

7:30	Holiday Inn	Dave Hamilton Mike Prather Ron Walker
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Wednesday from 9:00 to 5:30

Moderator: Jim McKinney

Mix Design Homework Review

9:00 to 9:15	Answers & Discussion	Ron Walker	Handout
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HMA Plants

9:15 to 10:30	Introduction Plant Types Calibration Operations Sampling	Dave Hamilton Kurt Sommer Mark Miller	Chp 3
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10:30 to 10:45	** BREAK **
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HMA Plants (continued)

10:45 to 12:30		Dave Hamilton Kurt Sommer Lee Randell	Chp 3
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12:30 to 1:30	Lunch - HMU - Performing Arts Room
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Laboratory Tests -- A Section

1:30 to 5:00	HMA Lab (0-111) Gyratory Compaction Binder Testing Apparatus Demo HMA Sample Reduction Extraction Demo Ignition Oven Demo	Mike Prather Rhonda Richardson Harley Phillips Rick Flint Dave Hamilton Kurt Sommer Brad Cruea
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Laboratory Tests -- B Section

1:30 to 5:00	Specific Gravity Lab (0-110) Demonstrations Bulk Specific Gravity Maximum Specific Gravity	Clyde Lovelady Wayne Tharp
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5:00 to 5:30	Daily Recap	Jim McKinney
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5:30	Banquet - HMU - Performing Arts Room
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Review Session (Optional)

7:00	Holiday Inn	Dave Hamilton Mike Prather Ron Walker
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Thursday from 9:00 to 5:00

Moderator: Jim McKinney

HMA Plant Homework Review

9:00 to 9:15	Answers & Discussion	Ron Walker	Handout
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Quality Assurance Specifications

9:15 to 10:30	Introduction Specification Requirements Pay Factors	Ron Walker (Mike Prather)	Chp 5
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10:30 to 10:45 ** BREAK **

Quality Assurance Specifications (continued)

10:45 to 12:30		Ron Walker (Mike Prather)	Chp 5
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12:30 to 1:30 Lunch - HMU - Performing Arts Room

Certified HMA Producer Program

1:30 to 3:00	General Requirements QC - Trouble Shooting	Mike Prather (Ron Walker)	Chp 6
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3:00 to 3:15 ** BREAK **

3:15 to 5:00	HMA Specifications	Ron Walker (Mike Prather)	
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5:00 Dinner - HMU - Main Dining Room

Review Session (Optional)

7:00	Holiday Inn	Mike Prather Ron Walker	
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Friday Morning from 8:00 to Noon

Moderator: Jim McKinney

Course Test

8:00
to
12:00

Written Exam

Jim McKinney